



SQUAM LAKES
NATURAL SCIENCE CENTER

SUMMER 2016 GUIDED DISCOVERIES

Guided Discoveries are week-long outdoor natural adventure camps for children ages 4 to 14. Programs, taught by experienced naturalists and educators, give children an in-depth exploration of nature and science.



Program Schedule at a Glance

Week	Program	Time	Age
June 20-24	Summer Sensations	9:30 a.m. - 12:30 p.m.	4-6
	Animal Adventures	9:30 a.m. - 12:30 p.m.	7-9
	Nature Detectives	1:30 - 4:00 p.m.	7-9
June 27- July 1	Wild Art! for Young Artists	9:30 a.m. - 2:30 p.m.	6-8
	After Camp Care	2:30 - 4:00 p.m.	6-8
	Junior Animal Keepers	9:30 a.m. - 12:30 p.m.	9-12
	Night and Day	1:30 - 4:00 p.m.	4-6
July 4-8	Rhythms of the Forest	9:30 a.m. - 2:30 p.m.	6-8
	After Camp Care	2:30 - 4:00 p.m.	6-8
	Junior Animal Keepers	9:30 a.m. - 12:30 p.m.	9-12
	Wild Tales	1:30 - 4:00 p.m.	4-6
July 11-15	Nature Explorers	9:30 a.m. - 12:30 p.m.	4-6
	Mad Science	1:30 - 4:00 p.m.	7-9
	The Nature of Clay	9:30 a.m. - 2:30 p.m.	8-12
	After Camp Care	2:30 - 4:00 p.m.	8-12
July 18-22	Up, Down, and Around	9:30 a.m. - 12:30 p.m.	4-6
	Be a Survivor I	9:30 a.m. - 12:00 p.m.	10-14
	Be a Survivor II	12:30 - 3:00 p.m.	12-14
	Predator Prey I	1:30 - 4:00 p.m.	7-9
July 25-29	EcoArt Construction Zone!	9:30 a.m. - 12:30 p.m.	7-10
	Creature Features	9:30 a.m. - 12:30 p.m.	4-6
	Predator Prey II	1:30 - 4:00 p.m.	7-10
August 1-5	Wild Tales and Trails	9:30 a.m. - 3:00 p.m.	4-6
	AquaCamp	9:30 a.m. - 3:30 p.m.	9-12
August 8-12	Sky Hunters	9:30 a.m. - 12:30 p.m.	4-6
	Wild Art!	9:30 a.m. - 2:30 p.m.	9-12
	After Camp Care	2:30 - 4:00 p.m.	9-12
	Fairy Houses/Gnome Homes	1:30 - 4:00 p.m.	6-8

Scholarships

Guided Discoveries Scholarships are available for program participants. For information or to apply, please contact Audrey Eisenhauer, Education Director, at 603-968-7194 x 14 or audrey.eisenhauer@nhnature.org.

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JUNE 20-24

Animal Adventures: Exploring the Wild Side of Yoga!

Ages: 7-9

June 20-24, 9:30 a.m. - 12:30 p.m.

Come along on a yoga journey through forests and fields. Learn individual and group yoga poses, as well as breathing tools to both energize and calm the body. Each day we will learn new yoga poses expressing the movements and postures of different wild animals, followed by a visit with a live animal that inspired the pose. Our adventures will also include nature scavenger hunts, nature journaling, mindful listening and relaxation in the forest, and fun yoga games.

Cost: \$170/member; \$190/non-member

Nature Detectives

Ages: 7-9

June 20-24, 1:30 - 4:00 p.m.

Can you follow the clues on a scavenger hunt to find out what animal we will meet? It's time to exercise your mind and body during this week of discovery!

Cost: \$140/member; \$160/non-member

Summer Sensations

Ages: 4-6

June 20-24

9:30 a.m. - 12:30 p.m.

Explore New Hampshire's summer environment with a focus on each of the five senses. Smell, taste, touch, see, and hear your way through a week full of fun.

Cost: \$140/member; \$160/non-member



NATURAL ADVENTURE SERIES

Nature Play Time

Wednesdays July 6, July 20, August 3, August 17, September 14, October 12 - 10:00 to 11:00 a.m.

Ages 3 and under

Join us for some unstructured play in nature with your little one! We will set the stage for fun so you and your tot can laugh and explore the natural world together. We will play with water, buckets, and scoops one week, and play in the forest walking on log balance beams, and making stick forts the next. Come once or come every session. Program will be held outdoors; please dress for the weather. Adults get to play too!

Cost per session: \$5/member child; \$7/non-member child

Yoga Wild

Wednesdays July 13, 27, August 10, 24 - 10:00 to 11:00 a.m.

Ages 4 to 7

Explore animal movement through fun yoga poses done outdoors in the fields and forests of the Science Center. Children will learn spatial concepts, stimulate their senses, and develop motor skills as they use their imaginations to mimic animals. Each session includes a visit with a live animal.

Cost per session: \$7/member child; \$9/non-member child

JUNE 27 - JULY 1

Junior Animal Keepers

Ages: 9-12

June 27-July 1, 9:30 a.m. - 12:30 p.m.

Otter popsicles? Training time for a coyote? Treats and puzzles for opossums? Do you love caring for animals? Do you wonder what the Science Center's animals eat for dinner? Join us to learn how New Hampshire's wild animals survive. Then apply that knowledge by helping to care and feed the wildlife at the Science Center. Go behind the scenes to watch our staff train animals, and then make puzzles and treats to engage our resident animals. On the last day, family, friends and Science Center staff will stop by to learn about your adventures.

Cost: \$150/member; \$170/non-member

Night and Day

Ages: 4-6

June 27-July 1, 1:30 - 4:00 p.m.

Some differences between animals are like night and day. Investigate the habits of day-time and night-time active creatures. Learn about what makes them different and what they have in common.

Cost: \$140/member; \$160/non-member

Wild Art! for Young Artists with Currier Museum Art Center

Ages: 6-8

June 27-July 1, 9:30 a.m. - 2:30 p.m.

For beginning artists, explore the exciting territory where art and science overlap. Discover the rich variety of plant and animal life at the Science Center under the guidance of a Currier Museum Art Center instructor and Science Center staff. Create in two dimensions using watercolor and tempera paint, and in three-dimensional media such as wire, clay, paper maché, and plaster.

Cost: \$330/member; \$360/non-member

After Camp Care

Ages: 6-8

June 27-July 1, 2:30 - 4:00 p.m.

Extend the day with snack time, games, a trail walk, and outdoor explorations.

Cost: \$40/member; \$60/non-member

JULY 4-8

Junior Animal Keepers

Ages: 9-12

July 4-8, 9:30 a.m. - 12:30 p.m.

Otter popsicles? Training time for a coyote? Treats and puzzles for opossums? Do you love caring for animals? Do you wonder what the Science Center's animals eat for dinner? Join us to learn how New Hampshire's wild animals survive. Then apply that knowledge by helping to care and feed the wildlife at the Science Center. Go behind the scenes to watch our staff train animals, and then make puzzles and treats to engage our resident animals. On the last day, family, friends and Science Center staff will stop by to learn about your adventures.

Cost: \$150/member; \$170/non-member



Rhythms of the Forest

Ages: 6-8

July 4-8, 9:30 a.m. - 2:30 p.m.

There are so many sounds in the woods. There are rhythms, songs, rustlings, and squirmy sounds. Professional musician Tara Greenblatt will lead a week of music-making and nature exploration. We will take woods walks as we listen to the sounds we hear and imitate them, act out the animals who make them, make instruments, and learn about the web of life. Record your own original songs to take home.

Cost: \$220/member; \$250/non-member

After Camp Care

Ages: 6-8

July 4-8, 2:30 - 4:00 p.m.

Extend the day with snack time, games, a trail walk, and outdoor explorations.

Cost: \$40/member; \$60/non-member

Wild Tales

Ages: 4-6

July 4-8, 1:30 - 4:00 p.m.

Start each day with a wild tale - a children's book featuring nature and wild animals. Spend time indoors and out to discover and learn about the creatures and habitats from the story. A visit with a live animal connected to the story will wrap up our day. Join in the wild tales!

Cost: \$140/member; \$160/non-member

JULY 11-15

Mad Science

Ages: 7-9

July 11-15, 1:30 - 4:00 p.m.

Experience a week of wacky, hands-on, fun as we explore science inspired by the natural world around us. Each day will be filled with mixing, growing, fizzing, bubbling, and more as we ask questions and see what kinds of answers explode around us!

Cost: \$150/member; \$170/non-member

Nature Explorers

Ages: 4-6

July 11-15, 9:30 a.m. - 12:30 p.m.

These adventures will introduce the wonders of the natural world. Through many outdoor activities and discoveries we will explore, excite, and learn together.

Cost: \$140/member; \$160/non-member

The Nature of Clay

Ages: 8-12

July 11-15, 9:30 a.m. - 2:30 p.m.

Want to take earth and turn it into art? Using the natural beauty and animals at the Science Center as inspiration, we will develop and transform our ideas into ceramic treasures. Under the guidance of Community Clay Center instructors and Science Center staff, explore a variety of ceramic techniques to create functional and sculptural projects. *The ceramic process will be completed at the Community Clay Center in Plymouth. Finished projects will be ready for pickup by August 15. Shipping is available for an additional fee.*

Cost: \$260/member; \$290/non-member

After Camp Care

Ages: 8-12

July 11-15, 2:30 - 4:00 p.m.

Extend the day with snack time, games, a trail walk, and outdoor explorations.

Cost: \$40/member; \$60/non-member



JULY 18-22

Be a Survivor I

Ages: 10-14

July 18-22, 9:30 a.m. - 12:00 p.m.

Could you survive if you were lost in the woods? Would you like to know the wilderness more deeply? Learn to build survival shelters, to build fires, get safe water, and navigate the forest. Explore the art of fire making without matches and finding wild foods-plant, bug, or animal. Learn to feel at home in the forest. *Attend one session or both.*

Cost: \$185/member; \$210/non-member

Cost for Be a Survivor I & II: \$320/member; \$370/non-member

Be a Survivor II

Ages: 12-14

July 18-22, 12:30 - 3:00 p.m.

In this companion to Be A Survivor I, further explore how to survive in the forest in an emergency and also how to live in it using more advanced wilderness skills. Practice wet weather fire making, making fires without matches, getting



safe water from the Earth itself, making rope from plants, simple hunting skills, getting food from plants, and more. Shed your city thinking and become part of the forest. *Prerequisite: Be A Survivor I, which may be taken concurrently.*

Cost: \$185/member; \$210/non-member

Cost for Be a Survivor I & II: \$320/member; \$370/non-member

Predator Prey I

Ages: 7-9

July 18-22, 1:30 - 4:00 p.m.

Discover the web of life as we dive into predator-prey relationships. Learn about adaptations of both the hunter and the hunted as we seek out their secrets for survival. Meet a live animal each day for an up close and personal view of predators and their prey.

Cost: \$140/member; \$160/non-member

Up, Down, and Around

Ages: 4-6

July 18-22, 9:30 a.m. - 12:30 p.m.

Investigate land, water, and air animals. Plan on a lot of outdoor exploration, hands-on crafts, and introductions to many different species to learn what makes them different from each other and why they live where they do.

Cost: \$140/member; \$160/non-member

JULY 25-29

Creature Features

Ages: 4-6

July 25-29, 9:30 a.m. - 12:30 p.m.

Learn about nature's superpowers. Animals have many ways to protect themselves from predators and natural hazards. Take time to learn about some of these adaptations through experiments, games, and visits with live animals.

Cost: \$140/member; \$160/non-member

EcoArt Construction Zone!

Ages: 7-10
July 25-29, 9:30 a.m. - 12:30 p.m.
Build art with nature, in nature, during this unique chance to work with eco-artist Cynthia Robinson. Inspired by Science Center animals, we will use natural materials to create a special sculpture park space where nature and art meet on the trail. Our creations will include super-sized animals, an interactive bird blind, drawing, planning, inventing, building green, and more. Our final day will include our sculpture park opening reception.
Cost: \$170/member; \$190/non-member



Predator Prey II

Ages: 7-10
July 25-29, 1:30 - 4:00 p.m.
Discover the web of life as we dive into predator-prey relationships. Learn about adaptations of both the hunter and the hunted as we seek out their secrets for survival. Meet a live animal each day for an up close and personal view of predators and their prey.
Cost: \$140/member; \$160/non-member

AUGUST 1-5

AquaCamp

Ages: 9-12
August 1-5, 9:30 a.m. - 3:30 p.m.
Water is the key to life! With Senior Naturalist, Dave Erler, dive into science to discover the properties of water, learn about the plants and animals that live in water, try your hand at fishing, and measure water quality. Bring your mud



boots to do some stream splashing and wetland walking. Our off-site adventures will include an interactive cruise on Squam Lake, field trips to a local bog, a beaver pond and a waterfall, and a fishing adventure. *Transportation for field trip destinations are included in registration fee.*
Cost: \$310/member; \$350/non-member

Wild Tales and Trails

Ages: 4-6
August 1-5, 9:30 a.m. - 3:00 p.m.
This full-day session features our favorite nature-based children's stories, adventures along the trails, visits with live animals, and more! Start each morning with a wild tale - a children's book featuring nature and wildlife. Venture outdoors to discover and learn about the creatures and habitats from the story, and meet a live animal connected to the tale.
Cost: \$240/member; \$280/non-member

AUGUST 8-12

Fairy Houses and Gnome Homes

Ages: 6-8
August 8-12, 1:30 - 4:00 p.m.
This fun week is inspired by Tracy Kane's fairy house stories. We will build and float fairy boats on the pond and construct fairy houses and gnome homes among the trees in the forests and the flowers in the fields. We will even build a few structures big enough for us to fit inside!
Cost: \$140/member; \$160/non-member

Sky Hunters

Ages: 4-6
August 8-12, 9:30 a.m. - 12:30 p.m.
Learn about the critters that command the skies. Investigate the world of flying predators and visit with live owls, hawks, and falcons. Meet some other airborne predators too, such as dragonflies and bats.



Cost: \$140/member; \$160/non-member

Wild Art! with Currier Museum Art Center

Ages: 9-12
August 8-12, 9:30 a.m. - 2:30 p.m.
For students ready to develop their artistic skills, explore the exciting territory where art and science overlap. Discover the rich variety of plant and animal life in the fields, forests, and ponds at the Science Center under the guidance of a Currier Museum Art Center instructor and Science Center staff. Create in two dimensions using watercolor and tempera paint, and in three-dimensional media such as wire, clay, paper maché, and plaster.
Cost: \$330/member; \$360/non-member

After Camp Care

Ages: 9-12
August 8-12, 2:30 - 4:00 p.m.
Extend the day with snack time, games, a trail walk, and outdoor explorations.
Cost: \$40/member; \$60/non-member

First Guides Training

Ages 14 to 17
The First Guides volunteer program trains teens between the ages of 14 and 17 in the art of informal natural history interpretation. Learn to use hands-on games, toys, and animal artifacts, to help educate thousands of visitors to the Science Center. Assist instructors with educational programs for children. Develop people skills, such as speaking and listening. Gain confidence and leadership skills by taking on new responsibilities. Learn about environmental education careers in a professional setting. Share your love of animals and nature with others.

June 28, 29 9:00 a.m. - 4:00 p.m.

July 1 9:00 a.m. - 1:00 p.m.

Cost: \$50 (financial aid available)

For more information or to register for training, contact Volunteer Coordinator Carol Raymond at carol.raymond@nhnature.org or 603-968-7194 x 22.

"I had a blast this summer (and I learned a lot)!"

**REGISTER ONLINE AT WWW.NHNATURE.ORG
OR CALL 603-968-7194 x 7**

ABOUT OUR INSTRUCTORS

Kasia Beznoska

Kasia owns Growing With Yoga and has been a Certified ChildLight Yoga Instructor since 2010. She is the director of Loving-Kindness Peaceful Youth and an Early Childhood Educator. Kasia graduated from Northeastern University with a BA in Psychology. She now organizes and teaches yoga and mindfulness classes, workshops, and camps for children in New Hampshire, Massachusetts, and Vermont.

Session: Animal Adventures: Exploring the Wild Side of Yoga

Michelle Chamberlain

Michelle, co-founder of the Community Clay Center in Plymouth, is a certified K-12 Health Educator currently teaching fourth through eight grades at Indian River School in Canaan, while pursuing a Master's of Education in Health Leadership at Plymouth State University. She vividly remembers creating her first clay projects in the fourth grade and now teaches the clay process to local children through summer clay camps and weekend celebrations at the Community Clay Center.

Session: The Nature of Clay

Colin Crawford-Stempel

Colin teaches Biology and Marine Biology at Spaulding High School in Barre, Vermont. His passion for teaching youth how to learn from and live within the natural world led him to over 25 years of experience in environmental, wilderness, and outdoor adventure institutions. Colin spends countless hours on his own exploring the natural world and practicing wilderness living skills and also apprenticing with such animal tracking experts as Paul Rezendes and Susan Morse. He has a Master's in Environmental Science from Antioch New England.

Sessions: Be a Survivor I & II

Dave Erler, Senior Naturalist

Dave received a BS in Outdoor Education and BA in Physical Geography from St. Cloud State University. In 1977, he completed graduate work at Texas A&M University in Environmental Interpretation. Dave began working for the Science Center in July 1979, previously working seasonally for the National Park Service, the University of Minnesota Extension Service, the National Audubon Society, and the Campbell Gard Environmental Education Center in Ohio.

Session: AquaCamp

Jordan Fitzgerald, Blue Heron School Lead Teacher

Jordan received a BA in Education of Young Children from the University of North Carolina at Wilmington. She is certified for Montessori 3- to 6-year-olds by the North American Montessori Center. Jordan has worked in various early childhood learning centers for over 15 years and is an outdoor education advocate.

Sessions: Fairy Houses and Gnome Homes, Junior Animal Keepers, Nature Detectives, Night and Day, Sky Hunters, Summer Sensations, Wild Tales and Trails

Jordy Gianforte, Blue Heron School Associate Teacher

Jordy received a BS in Psychology/Biology and a Master's in Elementary Education from SUNY New Paltz in New York. She is also a New Hampshire certified K-8 teacher. She fell in love with Montessori education while working in charter schools and completed a Montessori certificate for Lower Elementary from the Seacoast Center Montessori Program. Jordy is an avid outdoor enthusiast with hobbies including snow boarding, cross country skiing, hang gliding, rock climbing, and scuba diving. She also has a business making hang glider harnesses.

Sessions: Creature Features, Mad Science, Nature Explorers, Predator Prey I & II, Up Down and Around, Wild Tales and Trails

Danielle Gosselin

Danielle received a BFA from Massachusetts College of Art and Design and an MAT from Maine College of Art. Danielle is a freelance illustrator as well as a K-12 art educator. She exhibits her work in galleries throughout New England. See www.daniellegosselin.com to learn more.

Sessions: Wild Art! for Young Artists with Currier Museum Art Center

Tara Greenblatt

Tara is a recording artist, singer-songwriter, percussionist, and performer. She holds a BS in Drama as Education from Emerson College in Boston. She has taught music and drama to children and adults for over 15 years. Tara instructs, directs, and teaches music, drumming, and drama at Bedford Youth Performing Company. Tara taught African drumming and Page to Stage as a visiting artist in the Peterborough and Greenfield Elementary schools. Currently Tara is a Paraeducator, a drum instructor, and a performing musician.

Session: Rhythms of the Forest

Penny Huymen

Penny, co-founder of the Community Clay Center in Plymouth, received a BFA from Kansas City Art Institute and a Master's degree from Kent State University. Penny's clay experiences include being a juried resident artist at the Clay Studio in Philadelphia and at The European Ceramic Work Center in Hertogenbosch, Netherlands. Penny is currently adjunct faculty at Plymouth State University. Opening the Community Clay Center fulfilled her lifelong dream to share her 35 plus years in ceramics through this community studio.

Session: The Nature of Clay



Joseph Montroy

Joseph received an MFA in sculpture from Rochester Institute of Technology in Rochester, NY. Joe has shown sculpture in a number of galleries in New York, Alabama, Minnesota, Pennsylvania, and Vermont. His work is in private collections throughout the US. See www.josephmontroy.com to learn more.

Sessions: Wild Art! with Currier Museum Art Center

Cynthia Robinson

Cynthia, an eco-artist, uses all kinds of materials and processes to make artworks centered on environmental issues and ideas. She is an experienced art educator; teaching preschool, elementary, high school, and up to Elderhostel students for over 25 years. Cynthia's environmental art education business, "Eco Art a la Carte," takes her to schools and communities across New Hampshire for workshops, long term programs, and artist residencies.

Session: EcoArt Construction Zone!



Register online at www.nhnature.org

REGISTRATION FORM • SUMMER 2016

Adult 1 Name _____ Email Address _____

Adult 2 Name _____ Email Address _____

Address _____ City _____ State _____ Zip _____

Seasonal Address _____ City _____ State _____ Zip _____

Season Address Dates _____ to _____

Phone # _____ Mobile Phone _____ Seasonal Phone _____

Participant Name	Program Name	Dates	Birth Date	Fee
				\$
				\$
				\$
				\$
				\$
				\$
Additional gift for Guided Discoveries Scholarship Fund				\$
Membership Fee				\$
TOTAL				\$
Payment Enclosed				\$

Please charge my

- MasterCard American Express
 Visa Discover

Card # _____

Signature _____ Exp. Date _____ CID # _____

Card Billing Address _____ Billing Zip Code _____

Scholarship information is available by contacting Audrey Eisenhower at 603-968-7194 x 14.

Your membership lasts one year. Your learning lasts a lifetime.
 If you are not currently a member, please consider joining now.
 See additional membership levels at www.nhnature.org/membership.

Four-Person Membership
\$70 by 3/30/16 ; \$75 as of 4/1/16

- Free admission to trails and exhibits for up to four people each visit
- 10% discount at the Howling Coyote Gift Shop
- Reciprocal admission discounts at other participating ANCA and AZA organizations
- Subscription to newsletter
- Reduced rates for programs and lake cruises

**REGISTRATION MUST
INCLUDE FULL PAYMENT**

Make checks payable to:

SLNSC
PO Box 173
Holderness, NH 03245

WWW.NHNATURE.ORG | 603-968-7194 x 7

Guided Discoveries Cancellations... Yours and Ours!

If you cancel at least two weeks prior to the start of the program, your payment will be refunded minus a \$20 handling fee. If you cancel within two weeks of the start of the program, your payment will not be refunded.

If there is low enrollment, Squam Lakes Natural Science Center will cancel weeklong programs on the Wednesday prior to the scheduled start date. The Science Center will make every effort to alert participants to possible cancellations one month in advance.



SQUAM LAKES
NATURAL SCIENCE CENTER
NEARER TO NATURE

23 Science Center Road
 PO Box 173
 Holderness, NH 03245